

IN THE CLAIMS:

In addition to amendment filed on November 18, 1999, please amend claims 35, 39 and 40, and add a new claim 43, as follow. The newly added claim 43 is readable on the elected species. For the convenience of the Examiner and the Office all the pending claims are presented herewith:

33. An air-conditioning apparatus for controlling condition in at least one room to a predetermined desired condition by ventilation with heated or cooled supply air, comprising:

a supply air motor to provide the supply air over a supply air channel to the room to be air-conditioned;

a cooling-heating means for cooling or warming of the supply air; and

a regulator of a room pressure differential to maintain in the room an excess pressure over an outside pressure for the purpose of better mixing of room air with the supply air.

34. The air conditioning apparatus according to claim 33, wherein a value of the excess pressure in the room is determined by at least one parameter from a group consisting of an outside temperature, a supply air temperature and a supply air pressure.

35. (Amended) The air-conditioning apparatus according to claim [33] 34, further comprising an exhaust air motor to draw exhaust air through an exhaust air channel out of the room to be air conditioned, the exhaust air motor having an exhaust air regulator.

36. The air-conditioning apparatus according to claim 35, wherein regulation of the excess pressure in the room is further provided by the exhaust air regulator.

37. The air-conditioning apparatus according to claim 36, wherein an actual value for the exhaust air regulator is formed by the room pressure differential which is yielded from a difference between a room pressure and the outside pressure.

38. The air-conditioning apparatus according to claim 36, wherein an actual value for the exhaust air regulator is formed by a channel pressure differential calculated from a difference between an absolute value of pressure in the supply air channel and an absolute value of pressure in the exhaust air channel.

39. (Amended) The air-conditioning apparatus according to claim [34] 37, wherein the excess pressure in the room changes exclusively when the outside temperature changes within a predetermined temperature range, and when the outside temperature is lower than this temperature range the excess pressure has a first constant value, and when the outside temperature is higher than this temperature range the excess pressure has a second constant value.

40. (Amended) The air-conditioning apparatus according to claim [34] 38, wherein the [excess pressure in the room] channel pressure of the supply air changes exclusively when supply air temperature changes within a predetermined temperature range, and when the supply air temperature is lower than this temperature range, the [excess pressure] channel pressure of the supply air has a first constant value, and when the supply temperature is higher than this temperature range the [excess pressure] channel pressure of the supply air has a second constant value.

41. The air-conditioning apparatus according to claim 39, wherein the excess pressure decreases from a maximum excess pressure to a minimum excess pressure with increase of the outside temperature within the predetermined temperature range.